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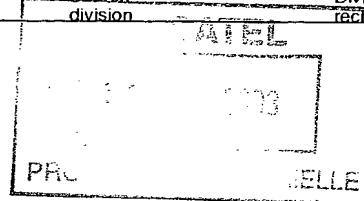
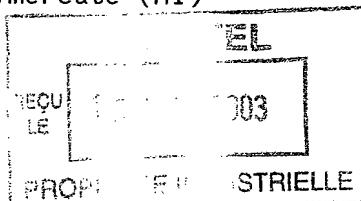
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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire ALCATEL	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 8



REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 4 780 693 A (ELLIOTT JOSEPH A ET AL) 25 October 1988 (1988-10-25) * abstract; figure 1 * * column 3, line 5 - line 34 * ---	1-11	H01P1/213 H03H7/46
A	US 4 688 259 A (EDRIDGE MICHAEL J) 18 August 1987 (1987-08-18) * abstract; figure 4 * ---	1-11	
P, A	US 6 472 951 B1 (FIEDZIUSZKO S JERRY ET AL) 29 October 2002 (2002-10-29) * column 2, line 25 - column 3, line 35; figure 1 * ---	1-11	
A	US 5 235 297 A (TAWIL SALEEM) 10 August 1993 (1993-08-10) * abstract; figures 3,4 * * column 6, line 57 - column 7, line 17 * ----	1-11	
TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
H01P H03H			
The present search report has been drawn up for all claims			
1	Place of search MUNICH	Date of completion of the search 17 December 2002	Examiner Saur, E
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 02 29 1858

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-12-2002

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